

**METHOD AND RELATIVE CIRCUIT FOR DETECTING A
TORQUE VARIATION OF AN ELECTRIC DC MOTOR**

Abstract of the Disclosure

[0073] The method detects variations of the torque of a DC motor and is particularly suited for detecting an accidental block of the motor operation. The method includes generating a first signal representing the current flowing in the motor, multiplying the first signal with a pre-established function producing a product signal, generating a comparison signal to correspond to the slope of the product signal and signaling a torque variation if the comparison signal surpasses a certain threshold. The method is implemented by a control circuit for detecting a torque variation of an electric DC motor, including a sensor for the current flowing in the motor, and generating a first signal, a first circuit for generating a product signal of the first signal by a pre-established function, a second circuit for generating a comparison signal to correspond to the slope of the product signal, and a comparator of the comparison signal with a certain threshold, signaling a torque variation when the comparison signal surpasses the threshold.